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August 8, 2006

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/JP2005/013170  
-filed July 15, 2005

Re: Application of Yoichiro TABATA, Tetsuya SAITSU, Yujiro OKIHARA, and  
Ryohei UEDA  
PHOTOCATALYST MATERIAL PRODUCING METHOD AND  
PHOTOCATALYST MATERIAL PRODUCING APPARATUS  
Assignee: **TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS  
CORPORATION**  
Our Ref: Q96031

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ Application Data Sheet.
- ☒ an English translation of the International Application.
- ☒ fifteen (15) sheets of drawings (Figs. 1-15).
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement.
- ☒ a PTO/SB/08 A & B (modified) listing the references and a copy of each references.
- ☒ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

AP20 Rec'd PCT/PTO 08 AUG 2006



SUGHRUE MION, PLLC

Commissioner for Patents  
 Appln. No.: National Stage of PCT/JP2005/013170  
 Attorney Docket No. Q96031  
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The Government filing fee, after entry of Preliminary Amendment, is calculated as follows:

|                                  |           |   |    |   |          |   |          |   |                  |
|----------------------------------|-----------|---|----|---|----------|---|----------|---|------------------|
| Total claims                     | <u>22</u> | - | 20 | = | <u>2</u> | x | \$50.00  | = | <u>\$100.00</u>  |
| Independent claims               | <u>4</u>  | - | 3  | = | <u>1</u> | x | \$200.00 | = | <u>\$200.00</u>  |
| Base Fee                         |           |   |    |   |          |   |          |   | <u>\$300.00</u>  |
| Search Fee                       |           |   |    |   |          |   |          |   | <u>\$500.00</u>  |
| Examination Fee                  |           |   |    |   |          |   |          |   | <u>\$200.00</u>  |
| <b>TOTAL FILING FEE</b>          |           |   |    |   |          |   |          |   | <u>\$1300.00</u> |
| <b>Recordation of Assignment</b> |           |   |    |   |          |   |          |   | <u>\$ 40.00</u>  |
| <b><u>TOTAL FEE</u></b>          |           |   |    |   |          |   |          |   | <u>\$1340.00</u> |

Checks for the statutory filing fee of \$1300.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Respectfully submitted,

Richard C. Turner  
 Registration No. 29,710

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Date: August 8, 2006